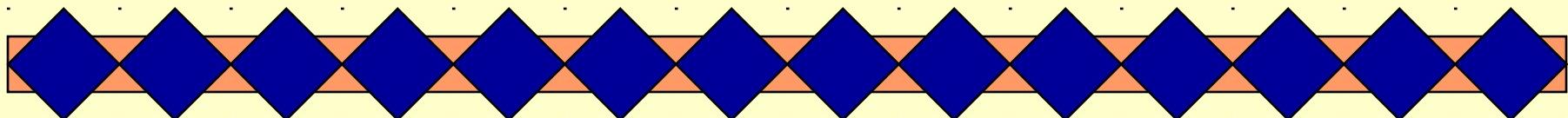


OSHA's Respiratory Protection: Final Rule



29 CFR Part 1910.134

Issued January 8, 1998

OTI 501

**Trainer Course in Occupational Safety and
Health Standards for General Industry**



Permissible Practice (a)

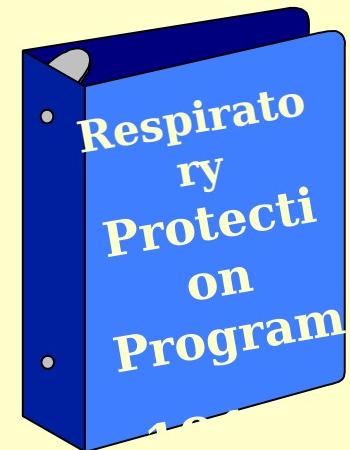
- ◆ **When effective engineering controls**

- ➡ are not feasible

-

- OR**

- are being instituted



- ☞ **Respiratory Protection Program requirements must be met.**

Selected Definitions (b)



- ◆ **End of service life indicator (ESLI)**
- ◆ **Physician or other licensed health care professional (PLHCP)**
- ◆ **QLFT**
- ◆ **QNFT**
- ◆ **User seal check**

Respiratory Protection Program (c)



- ◆ **Written and implemented program**
 - ➡ air contaminant overexposure
 - respirators required by employer
- ◆ **Suitably trained administrator**
- ◆ **Respirators are necessary or required**
- ◆ **Worksite specific procedures**
- ◆ **Update as necessary**

Respiratory Protection Program (c)



- ◆ **Selection procedures**
- ◆ **Medical evaluations**
- ◆ **Fit testing**
- ◆ **Proper use of respirators in emergencies**

Respiratory Protection Program (c)



- ◆ **Cleaning, disinfecting, storing, inspecting, repairing, discarding, and maintaining**
- ◆ **Air quality, quantity, and flow of breathing air**
- ◆ **Training on respiratory hazards**

Respiratory Protection Program (c)



- ◆ **Training on proper use, wearing, limitations, and maintenance**
- ◆ **Procedures for regularly evaluating the effectiveness of the program**

If Respirator Use is not Required (c)(2)

- ◆ **Maybe provided at the request of the employee**
- ◆ **Employees are permitted to use their own respi-**



If Respirator Use is not Required (c)(2)



- ◆ **Information for Employees (Appendix D)**
- ◆ **Written program not required when dust masks are worn voluntarily**



Other Employer Requirements



- ◆ **Designate a qualified program administrator**
- ◆ **Provide respirators, training, and medical evaluations at no cost to employee**



Selection of Respirators (d)



- ◆ **Employer Responsibilities**
 - ➡ evaluate respiratory hazards
 - identify relevant workplace and user factors
 - determine respiratory protection accordingly
- ◆ **Specifies respirators for IDLH**
- ◆ **Limits selection and use of APRs¹¹**

Medical Evaluation (e)



- ◆ To determine employee's ability to use a respirator
- ◆ Prior to fit testing
- ◆ Prior to using a respirator in the workplace
- ◆ May discontinue when respiratory protection is no longer required
- ◆ Appendix C - Medical Questionnaire

Fit Testing (f)

- ◆ **Before use of**

- ➡ negative pressure respirators
- ➡ positive pressure tight-fitting facepiece



Fit Testing (f)



- ◆ **Frequency**

- Initially
- Annually
- Visual observations of change
- Employee complains of unacceptable fit

1926.1101 Respiratory Requirements (h)



- ◆ **Class I**
- ◆ **Class II**
- ◆ **Class II and III**
 - without wet methods
 - with no negative exposure assessment

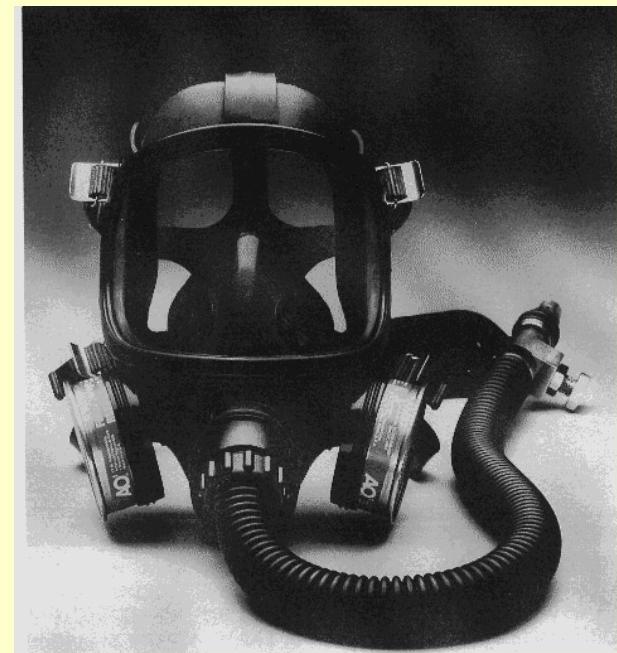
1926.1101 Respiratory Requirements (h)



- ◆ **Employer must provide a non-disposable half-mask APR w/HEPA**
 - Class II and III w/o negative exposure assessment
 - Class III where TSI, surfacing or PACM is disturbed

1926.1101 Respiratory Requirements (h)

- ◆ Employer must provide a full-facepiece SAR in the pressure demand mode and equipped with auxiliary, positive pressure SCBA for Class I work



Training and Information (k)

- ◆ **Annually**
- ◆ **Prior to respirator use**
- ◆ **Training within the past 12 months**
- ◆ **Changes render previous training obsolete**
- ◆ **Inadequacies in employee's knowledge**
- ◆ **When retraining appears necessary**



Program Evaluation (I)



- ◆ **As necessary**
- ◆ **Assess**
 - respirator fit
 - selection
 - use
 - maintenance

Recordkeeping (m)

- ◆ **Medical evaluations**

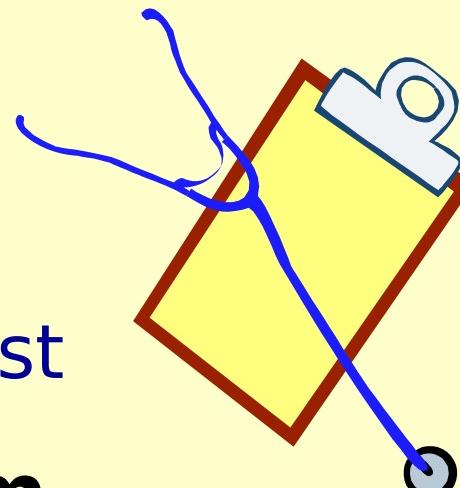
- 1910.1020

- ◆ **Fit testing**

- retain until next fit test

- ◆ **Respirator Program**

- written copy



Effective Dates:



- ◆ **September 8, 1998**
- ◆ **October 5, 1998**

This revised standard is fully effective!

Appendices



- ◆ **A - Fit Testing Procedures (M)**
- ◆ **B - Respiratory Cleaning Procedures (M)**
- ◆ **C - Respiratory Medical Evaluation Questionnaire (M)**
- ◆ **D - Information for Employees Using Respirators When Not Required Under this Standard (M)**